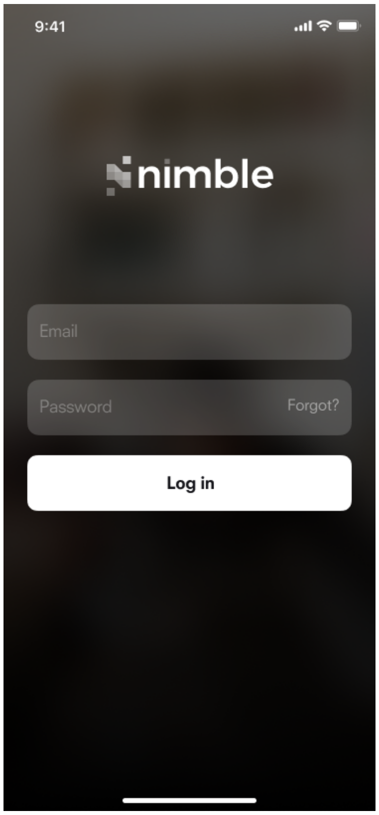
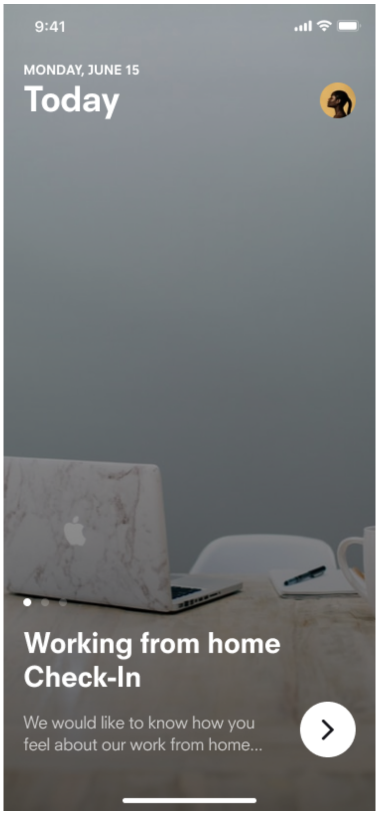
Category: Technical Test
Position: iOS Developer

Overview





Working from home Check-In

We would like to know how you feel about our work from home...

- Create an application that allows users to browse a list of surveys.
- Users must log in to the application.
- Integrate with an OAuth 2 API providing both REST and GraphQL endpoints.

✋ You are free to choose between the REST and GraphQL endpoints want to use.

💡 Refer to the below Resources section for Design and API information.

Application features

- Authentication:
    - Implement the login authentication screen.
    - Implement the OAuth authentication including the storage of access tokens.
    - Implement the automatic usage of refresh tokens to keep the user logged in using the OAuth API.
- Home Screen:
    - On the home screen, each survey card must display the following info:
        - Cover image (background)
        - Name (in bold)
        - Description
    - There must be **2** actions:
        - Horizontal scroll through the surveys.
        - A button “Take Survey” should take the user to the survey detail screen.
    - The list of surveys must be fetched when opening the application.
    - Show a loading animation when fetching the list of surveys.
    - The navigation indicator list (bullets) must be dynamic and based on the API response.

Optional features

If you have some spare time and want to go the extra mile 💪, you can work on these optional features:

- Authentication: implement the forgot password authentication screen.
- Home Screen:
    - Implement the caching of surveys onto the device.
    - Implement a pull-to-refresh action to update the list of surveys. Show a loading animation when refreshing the list of surveys.

🤚 While the Design includes additional screens for the survey details screens, you are **NOT** required to implement them. Only authentication and home screens are required. To keep things functional, implement a blank screen to view survey details and allow users to navigate back to the list of surveys.

Technical requirements

1. Develop the application using:
    - **Xcode**
    - **Cocoa Pods**
    - **Fastlane**
2. Target iOS 10.0 and up.
3. Use Git during the development process. Push to a public repository on Bitbucket, Github, or Gitlab. Make regular commits and merge code using pull requests.
4. Write unit tests using your framework of choice.
5. Use either the REST or GraphQL endpoints. The choice is yours to make. Make sure that you use the production URLs.

Resources

Design

UI for the mobile application is on Figma.

You will need to sign up (it's free) or log in with your existing account to Figma in order to inspect the UI and download the assets.

API

Refer to the application Wiki.

If you are not familiar with JSON API specifications, refer to this page on the Wiki.